

WELCOME TO THE 2020 GECO TRAINING!

The webinar will begin in a few minutes...

- Please keep your video and audio off for the duration of the presentation.
- If using a phone, please use the "local" number
- If you have any questions, please send them to the host via the chat box
- There will be a Q&A session at the end of the presentation
- Use *9 to raise your hand via the phone line
- This presentation will be recorded and posted online. More info covered on Resources slide.

NOTE: EPD will be requesting HAP emissions (voluntary this year) in addition to the standard criteria air pollutants.



ENVIRONMENTAL PROTECTION DIVISION

2020 Emission Inventory – GECO EI Application

Tammy Hayes, ECSU Manager
Jing Wang
Maria Geonczy
Planning & Support Program
Air Protection Branch
Georgia Environmental Protection Division

2020 EI Point Source Emission Reporting Training Webinar February 10, 2021



TRAINING GOALS

- Regulatory Info/Applicability of Emission Inventory
- New GECO features for the 2020 EI
- Certifier and Preparer Information
- What is CAERS?
- GECO EI Walkthrough
- Resource Information
- Upcoming Training Opportunities/What's Next
- Questions?



EMISSION INVENTORY REGULATION/APPLICABILITY



EI REGULATORY BASIS

Regulations requiring GA EPD to collect an Emissions Inventory

- Federal: 40 CFR Part 51 Air Emissions Reporting Requirements (AERR) and the EPA Air Planning Agreement
- State: Georgia Rule 391-3-1-.02(6)(b)(1)

States are required to annually report <u>actual</u> point source emissions data to EPA by <u>December 31st</u>. GA EPD requires participating facilities to report data by <u>June 30th</u>.



APPLICABILITY

All Part 70 Major Sources are subject.

- Exceptions include:
- Permitted but not constructed
- Federally Enforceable Permit Limit (e.g., Synthetic Minor or Major HAP sources)
- Shutdown during the entire calendar year

2020 is a Triennial Year

- Triennial thresholds are lower than Annual Year thresholds
- Thresholds are PTE-based

Triennial Year PTE Thresholds			
Pollutant	(tons per year)		
SO_2	≥ 100		
VOC	≥ 100		
NOx	≥ 100		
CO	≥ 1000		
Pb	≥ 0.5 (actual)		
Primary PM ₁₀	≥ 100		
Primary PM _{2.5}	≥ 100		
NH ₃	≥ 100		



EI COLLECTION METHOD

- 1. Opt-in/Opt-out of 2020 EI via the Georgia Environmental Connections Online (GECO) Program
 - 2020 GECO EI application launched on <u>January 25</u>
 - Determines if your facility needs to participate
 - Applicability is based on <u>potential</u> emissions; reporting is based on actual emissions.
- 2. Facilities determined to participate in the 2020 EI will be linked to CDX CAERS
 - New Users must register in CDX
 - Existing users can update any information if needed
- 3. Opt-in facilities will begin EI submittal in CAERS in March
 - Facilities who have opted-in will receive a notification from EPD when CAERS is open to receive 2020 EI data

2020 EI should be submitted to GA EPD through CAERS by June 30, 2021



WHAT'S NEW FOR GECO 2020 EI APPLICATION?



NEW FOR 2020 GECO EI APPLICATION

CAERS User Role Information

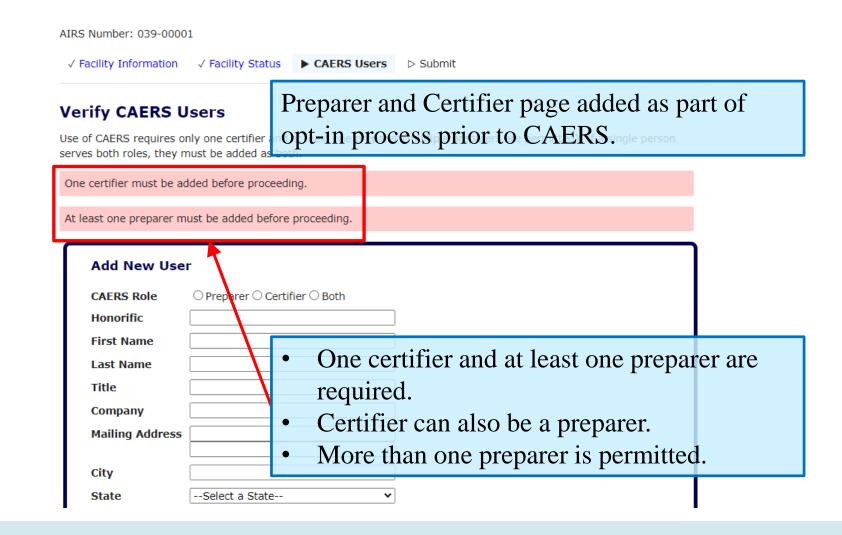
• Facilities must submit Certifier and Preparer Information into GECO **before** it is be submitted into CAERS.

• Role Requirements

- Only one certifier for each facility
- A facility can have multiple preparers
- An individual can be both a certifier and preparer for a facility.



NEW FOR 2020 GECO EI APPLICATION





2020 GECO EI APPLICATION

Home Page

- List of facilities associated with your account
- Click on the AIRS Number/Facility Name to access facility

Application Status Menu

- Summary of applications
 - Provides status, deadlines, and main contact for each application
- Click on "Emissions Inventory" to start 2020 EI

Participation Questions to "Opt-in" or "Opt- out"

- Did the facility operate any portion of the calendar year?
- Is the facility SM or Major for HAPs?
- Did the facility meet or surpass the PTE emission thresholds?
- Is the facility colocated with another facility?
 - If colocated, what is the facility name and AIRS number?



Preparer

- Is authorized to prepare an emissions report for a facility (e.g., consultant, staff person working for the facility).
- A facility can have multiple preparers (each with an individual account associated with the facility).
 - If submitting HAPs data for TRI within CAERS, this could include the TRI preparer.
- A single preparer can be associated with more than one facility (an individual account associated with several facilities).
- A preparer does not fulfill the same role as the Certifier (i.e., not authorized to certify and submit the report on behalf of the facility).



Certifier

- Can prepare the emissions report and is also authorized to certify the emissions report to meet your legal obligation for reporting to your SLT.
- Only one Certifier for a facility.
- A single Certifier can have multiple facilities (multiple facilities associated with the certifier account).
- The Certifier can also be a preparer (only one CAERS account needed).
- Total toxics air emissions are made available for TRI-MEweb once the facility has certified the report in CAERS. Note:

 CAERS certification is not a certification of the TRI submission.

 Toxics air data are certified in TRI-MEweb, not CAERS.



WHAT IS CAERS?



WHAT IS CAERS?

CAERS (Combined Air Emissions Reporting System) is an application that allows industry from subscribed State, Local, or Tribal authorities (or SLTs) to report their air emissions.

This allows:

- SLT's to meet specific air emissions reporting requirements
- Annual or triennial reporting to meet the requirements of the Air Emissions Reporting Requirements (AERR) rule
- Facilities to voluntarily report HAPs emissions at process level to pre-populate Toxics Release Inventory (TRI) air toxics emissions.
 - TRI data must still be completed and certified in TRI-Meweb
 - Starting this year, EPD is encouraging facilities to submit HAP emissions to CAERS



GECO APPLICATION WALKTHROUGH





The GECO site is used to register for classes, workshops, and other events hosted by Georgia EPD. You may view the <u>upcoming events</u>, but a GECO account is required to register for any event.

Emissions Inventory

The <u>National Emissions Inventory</u> (NEI) is a detailed estimate compiled by the US EPA of air emissions that include criteria pollutants and hazardous air pollutants from air emissions sources. Emissions inventory data for all Part 70



ACCESS TO YOUR FACILITY

Connections Online

GECO Home

Georgia Environmental Connections Online Georgia Air Protection Branch applications. Returning users — Once signed in, you should see your facilities listed and the EI box checked service allowing public access to various

You have access to work on the following facilities:

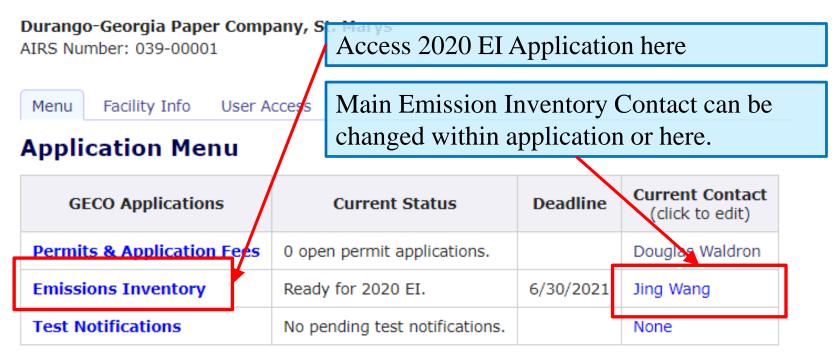
Facility Name	AIRS Number	Admin Access	Permit Fees	Emissions Inventory	Emissions Statement	
Brunswick Cellulose LLC	127- 00003			V		
Durango-Georgia Paper Company	039- 00 001	TT	D	V		
GEORGIA POWER CO PLANT MCDONOUGH- ATKINSON	New Users – Request access to your using the hyper link on the home pag					
Request access to a facility						

CECO Name and Evante



APPLICATION STATUS MENU

Facility Home





Emissions Inventory System

Durango-Georgia Paper Company, St. Marys

AIRS Number: 039-00001

EIS Home

EIS Facility Info

CAERS Users

Historical Data

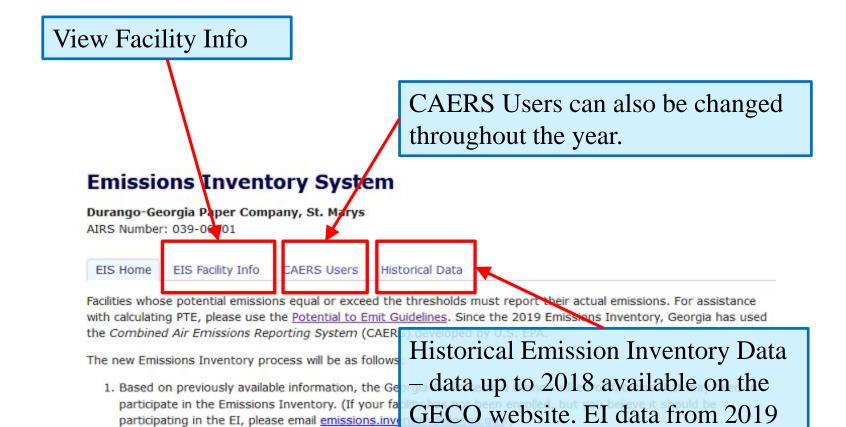
Facilities whose potential emissions equal or exceed the thresholds must report their actual emissions. For assistance with calculating PTE, please use the <u>Potential to Emit Guidelines</u>. Since the 2019 Emissions Inventory, Georgia has used the <u>Combined Air Emissions Reporting System</u> (CAERS) developed by U.S. EPA.

The new Emissions Inventory process will be as follows:

- Based on previously available information, the Georgia Air Protection Branch will enroll facilities that may need to participate in the Emissions Inventory. (If your facility has not been enrolled, but you believe it should be participating in the EI, please email emissions.inventory@dnr.ga.gov.)
- Begin the EI process below. You will be asked to review basic facility information. You will then be asked about facility PTE emissions to determine if participation in the Emissions Inventory process is necessary.
- 3. If it is determined that the facility will participate in the Emissions Inventory process, you will be directed to provide preparer and certifier information. If it is determined that the facility will not participate in the Emissions Inventory process, the facility will be complete with the 2020 Emissions Inventory, and steps 4 and 5 can be ignored.
- 4. For facilities new to CDX/CAERS: Once you provide preparer and certifier information, you will be directed to EPA's CDX to provide the same information. For facilities who participated in the 2019 EI, skip this step unless a new preparer/certifier needs to be added.
- A notification will be sent in March indicating when facilities can begin their 2020 Emissions Inventory in CAERS.



Begin the EI process below. You will be asked to facility PTE emissions to determine if participation



CAERS.

to present will be available in



BEGIN EI PROCESS

- 3. If it is determined that the facility will participate in the Emissions Inventory process, you will be directed to provide preparer and certifier information. If it is determined that the facility will not participate in the Emissions Inventory process, the facility will be complete with the 2020 Emissions Inventory, and steps 4 and 5 can be ignored.
- 4. For facilities new to CDX/CAERS: Once y Determine if your facility is required to EPA's CDX to provide the same information of the same information
- 5. A notification will be sent in March indicating when facilities can begin their 2020 Emissions Inventory in CAERS.

2020 Emissions Inventory Process

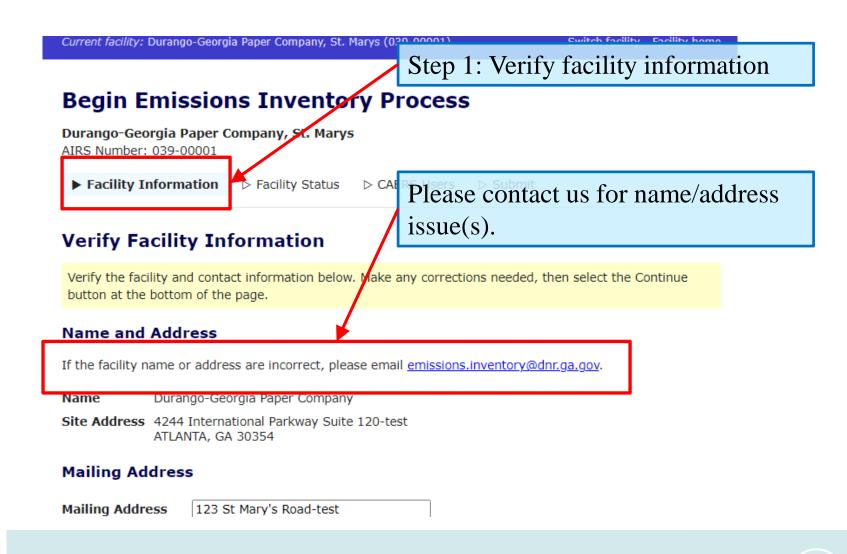
Current Status: Ready for the Emissions Inventory Process

EPD's Air Protection Branch has determined that this facility may need to participate in the 2020 Emissions Inventory. Click the outton below to begin. You will first verify the facility and contact information and then answer questions about the facility emissions to determine if participation in the EI is necessary.

Begin EI Process



FACILITY INFORMATION





EI CONTACT INFORMATION

Emissions Inventory Contact The Emissions Inventory contact will receive notices regarding annual Emissions Inventory submittals for the facility. Step 2: Verify or add your main EI Honorific Mrs contact information. First Name Jina Last Name Wang Whether you opt-in/opt-out, make Title Engineer sure that the EI contact is correct. Mailing Address 4244 International Parkway Suite ΔΤΙ ΔΝΤΔ **Email** jing.wang@dnr.ga.gov test comment with apostrophe - Test's test Click to save and continue. Contact Comment Save Facility Information and Continue \rightarrow Cancel



FACILITY STATUS – OPT-OUT

OPT-OUT SHUTDOWN FOR 2020 CONFIRMATION **Facility Operational Status** Did the facility operate at any time during calendar year **2020 Emissions Inventory** 2020? **Process** O Yes O No Current Status: Not Participating in the Step 3: Report operational status for **Emissions Inventory (Submitted)** The facility has reported that it is not participating any of 2020. in the 2020 Emissions Inventory. You may reset the current status. **Facility Colocation** Process complete. Reset EIS Status Is the facility colocated with another facility? ● Yes ○ No Reason Not Facility did not Participating: operate What facility are you colocated with? Please provide the name and AIRS number of the colocated facility. Confirmation #: 10010952 Your facility and/or the colocated facility will be contacted by the Air Submitted on 1/29/2021 3:28:00 Protection Branch about possible EI submittal. Step 4: Indicate if colocated with another facility. Provide colocated facility's name and AIRS number. Continue →



FACILITY STATUS – OPT-IN

OPERATIONAL

Facility Operational Status

Did the facility operate at any time during calendar year 2020?

O Yes ○ No

Comments (optional):

Step 3: Report operational status for 2020.

Step 4: Determine if your facility's 2020 emissions equals or exceeds 2020 EI thresholds.

2020 TRIENNIAL EMISSION THRESHOLDS

Facility Emissions Thresholds

Note that the thresholds below pertain to *potential emissions*, except for lead. The threshold for lead (Pb) is based on actual emissions.

Pollutant	Threshold (tpy)
VOC	100
SOx	100
NOx	100
СО	1000
PB	0.5
PM10	100
PM25	100
NH3	100

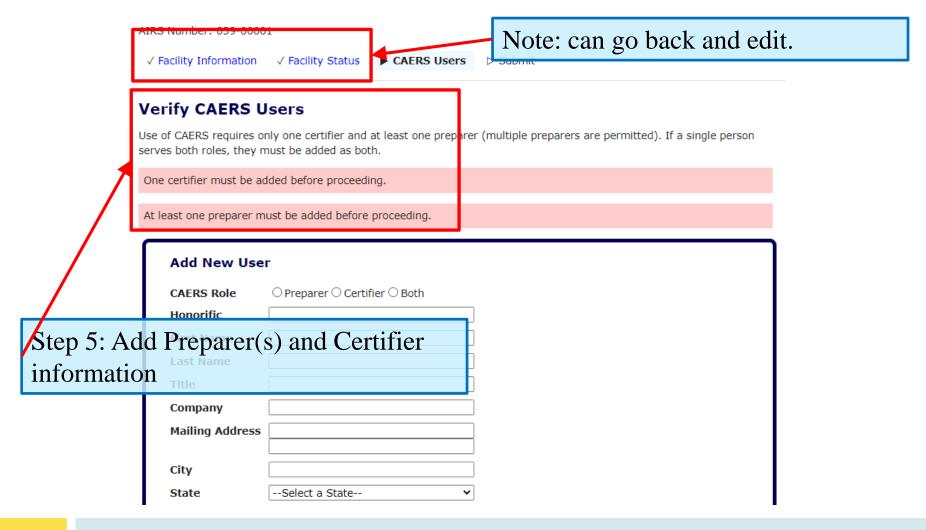
Is the facility below ALL of the thresholds listed?

○ Yes **○** No

Continue →



CAERS USER INFORMATION – OPT-IN





CAERS USER INFORMATION – OPT-IN

Verify CAERS Users

Use of CAERS requires only one certifier and at least one preparer (multiple preparers are permitted). If a single person serves both roles, they must be added as Add another preparer.

Verify the CAERS Users below. Make any additions or corrections as needed, then select the Continue button at the bottom of the page.

Modify existing users

Add New CAERS User

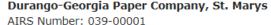
Current CAERS Users

				_		
	Role	User	Address	Email	Phone	Controls
	Certifier	Maria Geonczy	4244 International Pkwy Suite 120 Atlanta, GA 30354	emissions.inventory@dnr.ga.gov		Edit Delete
	Preparer	Maria Geonczy	4244 International Pkwy Suite 120 Atlanta, GA 30354	emissions.inventory@dnr.ga.gov		Edit Delete

Confirm CAERS Users and Continue →



2020 EI SUBMISSION



EIS Home

EIS Facility Info CAERS Users

Historic

Congrats! 2020 GECO EI app is complete!

Facilities whose potential emissions equal or exceed the thresholds must report their actual emissions. For assistance with calculating PTE, please use the <u>Potential to Emit Guidelines</u>. Since the 2019 Emissions Inventory, Georgia has used the <u>Combined Air Emissions Reporting System</u> (CAERS) developed by U.S. EPA.

2020 Emissions Inventory Process

Current Status: Participating in the Emissions Inventory (Submitted)

The facility has reported that it is participating in the 2020 Emissions Inventory. You may reset the current status and start over.

Reset EIS Status

Reset EIS status, to correct/change info.

The Emissions Inventory process will continue at EPA's Central Data Exchange (CDX). CDX is used to access CAERS. The preparers and certifiers you have specified should follow this procedure if new to CDX/CAERS:

- Register in CDX using the link below.
- 2. Set up CAERS in CDX.
- 3. Await approval that your CAERS account is linked

Link to EPA CDX

Confirmation #: 10010963

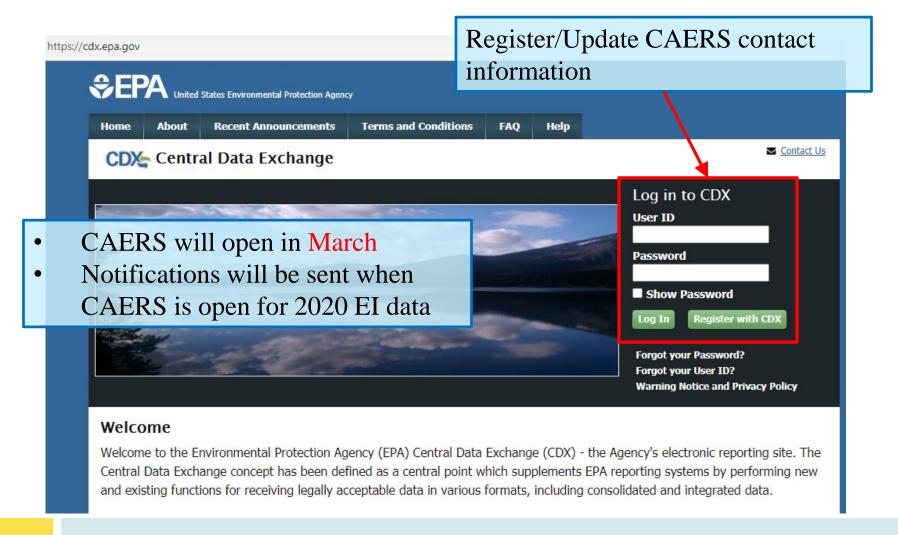
Submitted on: 2/3/2021 8:26:06 AM

Use link to register/update CAERS contact information when available.

2020 GECO EI app. confirmation #



LINK TO CDX LOG IN





1. GECO EI Application Training PowerPoint and Recording

https://epd.georgia.gov/forms-permits/air-protection-branch-forms-permits/air-emissions/submit-emissions-inventory

2. CAERS User guide

https://epd.georgia.gov/forms-permits/air-protection-branch-forms-permits/air-emissions/submit-emissions-inventory

3. Past EPA CAERS Webinar Recordings

https://www.epa.gov/e-enterprise/e-enterprise-combined-air-emissions-reporting-caer



WHAT'S NEXT?

- After March 1
 - 1. CDX/CAERS will open for applicable facilities to submit the 2020 EI
 - 2. Georgia EPD will QA the submitted EI data as facilities submit
- EPA Training (March April)
- Live Virtual Help Sessions (April May)



FUTURE EPA TRAINING OPPORTUNITIES

1. CAERS EI User Interface

March 24, 2021 (Wednesday) 1-3PM (ET)

2. CAERS EI Bulk Uploading Template

March 31, 2021 (Wednesday) 1-3PM (ET)

3. CAERS EI Control Path

April 14, 2021 (Wednesday) 1-3PM (ET)



Contact us at: emissions.inventory@dnr.ga.gov

